



US005579060A

**United States Patent** [19]**Elberbaum**[11] **Patent Number:** **5,579,060**[45] **Date of Patent:** **Nov. 26, 1996**

[54] **DATA TRANSMITTER FOR SELECTIVELY TRANSMITTING DATA TO RECEIVERS VIA TRANSMISSION LINES SWITCHED ON OR OVER IN SYNCHRONIZATION WITH AN EXTERNAL SYNCHRONIZING SIGNAL**

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[21] **Appl. No.:** 404,426

[22] **Filed:** Mar. 15, 1995

[51] **Int. Cl.<sup>6</sup>** ..... H04N 5/268

[52] **U.S. Cl.** ..... 348/705; 348/706

[58] **Field of Search** ..... 348/705, 706,  
348/722, 461, 469, 473; 375/85.6; 340/825.5;  
H04N 5/268

[57] **ABSTRACT**

An apparatus for selecting information signals includes a plurality of transmitters, each of which processes an electrical information signal preferably including a video signal. A plurality of receivers selectively receive that video signal. A plurality of information transmission lines connect each receiver to the plurality of transmitters. A generator for generating an external synchronizing signal generates and feeds an external synchronizing signal to the plurality of transmitters and the plurality of receivers.

[56] **References Cited**

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**21 Claims, 12 Drawing Sheets**

